Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by:
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GENERAL INFORMATION:

Name:	EnerSys Inc.
Address:	145 Hi-Dollar Lane, Richmond, Kentucky 40475
Date application received:	June 4, 2004
SIC/Source description:	2295 /Coated fabric, not rubberized
AFS (10-digit) Plant ID:	21-151-00046
AI #:	39107
Application log number:	56596
Permit number:	V-04-061

APPLICATION TYPE/PERMIT ACTIVITY:

[ ] Initial issuance
[ ] Permit modification
__Administrative
__Minor
__Significant
[X] Permit renewal

[ ] General permit
[ ] Conditional major
[X] Title V
[X] Synthetic minor
[ ] Operating
[X] Construction/operating

COMPLIANCE SUMMARY:

[ ] Source is out of compliance
[X] Compliance certification signed

[ ] Compliance schedule included

APPLICABLE REQUIREMENTS LIST:

[ ] NSR
[ ] PSD
[ ] Netted out of PSD/NSR

[ ] NSPS
[X] NESHAPS

[X] SIP
[ ] Other
[ ] Not a major modification per 401 KAR 51:017, 1(23)(b) or 51:052 1(14)(b)

MISCELLANEOUS:

[ ] Acid rain source
[ ] Source subject to 112(r)
[X] Source applied for federally enforceable emissions cap
[ ] Source provided terms for alternative operating scenarios
[ ] Source subject to a MACT standard
[ ] Source requested case-by-case 112(g) or (j) determination
[ ] Application proposes new control technology
[X] Certified by responsible official
[X] Diagrams or drawings included
[ ] Confidential business information (CBI) submitted in application
[ ] Pollution Prevention Measures
[ ] Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Existing Facility:

POLLUTANT	POTENTIAL EMISSIONS (TPY)	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	3.017	NA
Nitrogen Oxides (NOx)	2.847	NA
Sulfur Dioxide (SO_2)	1.80	NA
Particulate Matter (PM/PM_{10})	2.8687	NA
VOC	148.18	NA
Formaldehyde	0.8145	NA
Methanol	14.7084	NA
Methyl Isobutyl Ketone	1.65	NA
Phenol	6.4964	NA
Xylene	7.28	NA
Combined HAPs	30.9193	NA

New Modification: (Emission Points 01-MP1, MP2, MP3, M4, MP5, and MP6)

POLLUTANT	POTENTIAL EMISSIONS (TPY)	ALLOWABLE EMISSION (TPY)
Particulate Matter (PM/PM_{10})	0.1313	NA
VOC	111.82	NA
Formaldehyde	1.2155	NA
Methanol	9.7236	NA
Phenol	9.7236	NA
Combined HAPs	20.6627	NA

Resulting Source Wide (including new construction):

POLLUTANT	POTENTIAL EMISSIONS (TPY)	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	3.017	NA
Nitrogen Oxides (NOx)	2.847	NA
Sulfur Dioxide (SO_2)	1.80	10.25
Particulate Matter (PM/PM_{10})	3.0	NA
VOC*	260	225
Formaldehyde**	2.03	9.0
Methanol**	24.432	9.0
Methyl Isobutyl Ketone**	1.65	9.0
Phenol**	16.220	9.0
Xylene**	7.28	9.0
Combined HAPs**	51.582	22.5

* The source has accepted a facility-wide limit on annual VOC emission to no more than 225.0 tons to preclude the applicability of 401 KAR 51:017. The actual VOC emissions shall be calculated based on 12-month rolling total.

** The source has accepted a facility-wide limit on annual single HAP emissions to no more than 9.0 tons and combined HAPS 22.5 tons to preclude the applicability of 40CFR 63 Subpart OOOO. The actual HAPs emissions shall be calculated based on 12-month rolling total.

TOXIC ANALYSIS:

Toxics	PTE CONC. UG/M**3	PRG#/PDRV UG/M**3	PTE CONC.<PRG#/ PDRV
Phenol	**26.357**	**2200**	**YES**
Methanol	**26.357**	**1100**	**YES**
Formaldehyde	**3.3**	**9.8**	**YES**

SOURCE PROCESS DESCRIPTION:

EnerSys Incorporated operates a tube manufacturing facility in Richmond, Kentucky that produces resin-coated fiberglass tubing for use in tubular positive battery plates. The primary operations involved in this process are coating, forming, and baking the fiberglass tubing and then cutting and trimming the tubing to length.